

Abstract

Described is a method for manufacturing a PZT-based low-sintering piezoelectric ceramic material, the ions to be added as starting compounds being added as powdered oxides and/or 5 powdered carbonates, mixed together, and then calcined to form the piezoelectric ceramic material. After calcining the starting compounds, lithium in ionic form is added to the mixture in an amount of 0.01 to 0.1 wt.% in relation to the weight of the PZT ceramic.